

ABSTRACT OF THE DISCLOSURE

An electronic fuel injector capable of supplying fuel in a stable manner is provided by employing a swirler, which is manufactured at a lower cost and has durability, and by ensuring superior wear resistance of the swirler and a valve member provided on a movable part, which is put into frictional contact with the swirler. The electronic fuel injector comprises a movable part, a valve member, a valve seat, a swirler, a stopper, a stator core, a casing, a spring, and an electromagnetic coil. A valve member is provided at a fore end of the movable part. The swirler serves not only to swirl fuel, but also to guide movement of the valve member provided at the fore end of the movable part. The swirler is formed of a powder sintered compact of martensitic stainless steel having corrosion resistance and wear resistance.